



# भारत का राजपत्र

## The Gazette of India

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No. 36]

NEW DELHI, SATURDAY, SEPTEMBER 4, 1971 (BHADRA 13, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 4th September 1971

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 19th June 1971, in page 217, column 2 under the heading "Application for Patents"

Against application No. 131548 insert at the end (13th January 1971).

In the Gazette of India, Part III, Section 2, dated the 24th April 1971, in page 144, column 1. under the heading Registration of Designs :—

Against design No. 138243 in class 3 For "December 17, 1970" Read "June 19, 1970 (United Kingdom)"

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th August 1971

132499. P. Venkataraman. Midget arc welding equipment.

132500. Panchu Gopal Mondal and Ram Krishna Bhatlacharjee. Tube well cylinder.

132501. A. S. Mathew. A combined hair cutting cum shaving machine for self use.

132502. S. N. Ghate and M. S. Ghate. Improvements in or relating to Air-collers.

132503. Uniroyal, Inc. Co-cure of blend of rubber of low unsaturation and highly unsaturated rubber using long chain hydrocarbon dithiocarbamate accelerators.

132504. The Broken Hill Proprietary Company Limited. Improved oxygen probe for the rapid measurement of oxygen activity in molten steel. (25th March 1971). [Addition to No. 125269].

132505. Brico Engineering Limited. Fuel injectors. (19th August 1970).

132506. Aktiebolaget Bofors. Device for indicating the position of the movable part of a field gun in relation to the fixed part of the gun.

132507. Halifax Tool Company Limited. Improvements in or relating to percussion drills.

132508. N. K. Singh. Displacement's weak force amplification by hydraulic pressure.

132509. N. K. Singh. Automatic mechanical power transmission by thin rod gear changer.

132510. N. K. Singh. Automatic mechanical power transmission by hydraulic pressure.

132511. N. K. Singh. Quick action grating furnace for metallurgy and chemical industry.

132512. N. K. Singh. Automatic mechanical power transmission by bebel feedback gear.

132513. Vsesojuzny Nauchno-Issledovatel'sky i projektny Institut Aljuminievoi Magnievoi i Elektrodoj promyshlennosti. A system of current-supply buses in aluminium producing electrolyzers.

132514. T. V. Pavlova, I. G. Abelevich, V. S. Etlis and L. M. Degtyareva. A composition for bactericidal treatment of separate skin areas man and for therapy of skin diseases.

132515. N. C. Kochhar. Automatic lipstick plastic container.

132516. Cotton, Incorporated. Wet fixation of resins in fiber systems for durable press products.

132517. C. V. Venugopalan. Auto service indicator.

132518. Dresser Industries, Inc. Method and apparatus for mixing and modulating liquid fuel and intake air for an internal combustion engine.

132519. C. Conradty. Anode for electrochemical processes. (8th June 1971).

132520. Veb Filmfabrik Wolfen. Spool for strip material. (2nd June 1971).

132521. Takeda Chemical Industries, Ltd. Herbicidal compositions comprising benzylthio-oxa- or thiadiazole derivatives. [Divisional date 9th March 1970].

132522. Barmag Barmer Maschinenfabrik Aktiengesellschaft. crew extruder. (19th April 1971).

132523. Glanzstoff AG. Process for the preparation of aliphatically and cycloaliphatically 1, 3-disubstituted thioureas. (19th April 1971).
132524. Swiss Aluminium Ltd. Testing materials to be used as lining for aluminium electrolysis cells.
132525. Sandvikens Jernverks Aktiebolag. Insert for cutting of steel, cast iron or similar materials. (23rd April 1971).
132526. C. I. S. Rao. Improvements in or relating to sugar cane crusher.
132527. C. I. S. Rao. Relating to improvements or modification in the manufacture of jaggery from sugar cane juice.
132528. T. S. Subramaniam. Automatic device for operating stringed music instruments.
132529. M. M. Nanavati. Improvements in or relating to packing materials for products at high temperatures and a process for their manufacture.
132530. Shreno Limited. Induced-induced convection colling & an apparatus therefor.
132531. Shreno Limited. Induced-forced convection colling and an apparatus therefor.
132532. Mrs. Meera Muralidhar Hattiangadi and Dr. M. S. R. Hattiangadi. pH sensing cell with automatic cleaning arrangement for electrodes.
132533. Mrs. Meera Muralidhar Hattiangadi and Dr. M. S. R. Hattiangadi. A microhumidometer.
132534. Dr. Biraja Bilash Paul. A process for the treatment of effluent from alcohol distillation plant and centrifugal separation of the yeast cream to produce cattle and chicken feed. [Divisional date 24th May 1971].

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132535. Anil Gopal Chaudhary. Automatic clock-bell.
132536. Anil Gopal Chaudhary. Lumina buzz-indicator with live desoreminator.
132537. S. Balasubramaniam. Siba-01.
132538. S. Balasubramaniam. Siba-02.
132539. T. C. Goel. Security mechanism for power transformers.
132540. Singer-Cobble Limited. Tufting machines. (22nd August 1970).
132541. Singer-Cobble Limited. Tufting machines. (22nd August 1970).
132542. Anchor Hocking Corporation. On line simulated impact tester for glass containers.
132543. African Explosives and Chemical Industries Limited. Improved slotted ignitercord connector.
132544. Clayton Dewandre Co Ltd. Improvements in and relating to vehicle braking apparatus.
132545. Indian Explosives Limited. Improved method for the preparation of thickened slurry explosives.
132546. Kalyan Kumar Adhikari. Improvements in or relating to spark ignition internal combustion engines.
132547. RCA Corporation. Formation of openings in insulating layers in mos semiconductor devices.
132548. Hindustan Lever Limited. Soap-synthetic detergent tablets. (18th August 1970).
132549. Texaco Development Corporation. Motor fuel composition. (16th October 1970).
132550. Merck & Co., Inc. Method for protecting aqueous coating systems from bacterial attack.
132551. Raychem Corporation. Heat recoverable alloy. (17th August 1970).
132552. Polyair Schuhbedarf Ges.m.b.H. A device for applying soles and/or heels to uppers of shoes.
132553. Ciba-Geigy AG. Disazo compounds, their manufacture and use.

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132554. P. V. George. Concealed two way hinge.
132555. Rhone-Poulenc S. A. Process for the preparation of isoindoline derivatives and pharmaceutical compositions containing them.
132556. Girling Limited. Improvements in or relating to vehicle brakes. (24th August 1970).
132557. Butlers Limited. Bulb holders. (25th August 1970).
132558. Etablissements Pompes Guinard, Societe Anonyme. Connecting device.
132559. Associated Minerals Consolidated Limited. Improvements in or relating to mineral products. (24th August 1970).
132560. Dunlop Holdings Limited. Method and apparatus for controlling the state of cure of curable articles [Divisional date 3rd February 1970].
132561. C. L. George. Improvements in or relating to baby walker device.
132562. Siemens Aktiengesellschaft. Improvements in or relating to contact members (19th April 1971).
132563. The Babcock & Wilcox Company. Molten metal transfer apparatus.
132564. Johns-Manville Corporation. Product having a surface composition of thermosetting resins bonded to polymeric resins and process therefor.
132565. The Upjohn Company. Process for preparing novel prostaglandin compounds.
132566. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Styryl dyes.
132567. L. G. Hudson. Method of perforating tubes. (20th August 1970).
132568. Bunker Ramo Corporation. Magnetic switches and method and apparatus for making same.
132569. Vaessen-Schoemaker Holding N. V. Method for molding laminated structures from polar and non-polar macromolecular materials and articles obtained by such method.
132570. M-R-S Manufacturing Company. Earth moving vehicle.

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132571. Halcon International Inc. Catalyst.
132572. Uniroyal, Inc. Improvements in long chain hydrocarbon dithiocarbamate accelerators and method of making same.
132573. Girling Limited. Load Transmitting struts. (21st August 1970).
132574. Saunders Valve Company Limited. Improvements in ball valve seating assemblies. (26th August 1970).
132575. Ciba-Geigy AG. Brown pigments of the disazo series.
132576. Alcan Research and Development Limited. Method of treating segregated material separated from a body of molten aluminium.
132577. Borgs Fabriks Aktiebolag. Aircraft arresting device.
132578. Krishna Gopal. An improved process for the additive printing of the integral tri-pack motion picture colour films and the apparatus used therefor.
132579. P. V. George. Self propelled washing brush.
132580. Eli Lilly and Company. Cephalixin monohydrate and process for preparing said cephalixin monohydrate [Divisional date 3rd April 1971].
132581. Modular Wall Systems, Inc. Precast panel, building wall construction and method.
132582. Council of Scientific and Industrial Research. An improved process for the production of a fungal acid protease useful, for example, as a bating agent in leather manufacture, and as a digestive aid.
132583. E. H. Green. Aerosol valve and sprayhead.
132584. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of polyolefins.

132585. N. V. Philips' Gloeilampenfabrieken. A semiconductor device for converting mechanical stresses into electric signals. [Divisional date 19th November 1969].

20th August 1971

132586. H. L. Parikh. Markers card with self adhesive backing.
132587. H. L. Parikh. Half cut markers cards.
132588. Girling Limited. Improvements in or relating to vehicle brakes. (24th August 1970).
132589. Kerr-Mcgee Chemical Corp. Anode for electrolytic preparation of manganese dioxide.
132590. Saunders Valve Company Limited. Improvements in ball valves. (26th August 1970).
132591. Societe Technique Pour L'Utilisation De La Precontrainte (S. T. U. P.-Procedes freyssinet). Expansion joint for ground covering.
132592. Joseph Lucas (Industries) Limited. Electrically operated fans. (11th September 1970).
132593. R. S. Bajotta. A retaining device.
132594. Dowty Technical Developments Limited. Hydraulic apparatus.
132595. Stork Amsterdam N. V. Improvements in and relating to a method and device for the printing of a web or a rectangular sheet or material.
132596. D. V. Kalia. Improvements in or relating to chlorination of aliphatic hydrocarbons.
132597. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device manufactured by the method.
132598. N. V. Philips Gloeilampenfabrieken. Semiconductor device.
132599. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device manufactured by using the method.
132600. N. V. Philips Gloeilampenfabrieken. Semiconductor device, in particular a monolithic integrated circuit, and method of manufacturing the same.
132601. N. V. Philips Gloeilampenfabrieken. Semiconductor device having a transistor.
132602. N. V. Philips Gloeilampenfabrieken. Semiconductor device, in particular integrated monolithic circuit, and method of manufacturing same.
132603. N. Govindarajan. Device for ignition spark intensifying and secondary sparking in internal combustion petrol engines.

#### ALTERATION OF DATE

130328. Ante-dated to 18th November 1969 under Section 5 of the Act.
130332. Ante-dated to 18th November 1969 under Section 5 of the Act.
131475. Ante-dated to 26th May 1970 under Section 5 of the Act.
127192. The claim to priority date 27th June 1968 has been abandoned and the application dated as of 23rd June 1970 the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

123867. Joseph Lucas (Industries) Limited. Electro-magnetic horns. (2nd December 1968). Accepted on 4th August 1971.

*Comprising a flat base, cup shaped housing electro magnet connected in series with a assembly of contacts, diaphragm fitted with an armature of electromagnet which operates the contacts of the contact assembly.*

123914. Philips India Limited. An apparatus for synchronised audiovisual reproduction of a pre-recorded programme. Accepted on 6th August 1971.

*Comprising a slide projector, a tape reproducer located independent of the former and an on off switch means connected to motor which drives the tape of tape reproducer, and operable by slide carriage of slide projector to switch on or switch off the motor depending on the position of the slide carriage.*

123944. D. S. Bist. Portable floating bridge. Accepted on 10th August 1971.

*Comprises at least two sets of elongated inflatable tubes, one set by side of the other, each set consisting of at least of said tubes having valves for deflating and inflating the same and means for securing a plurality of cross strips.*

123957. Molins Machine Company Limited. Improvements in or relating to apparatus for feeding articles. (14th November 1968). Accepted on 10th August 1971.

*Wherein a detector is located across the gap between passage and is arranged to respond to fluctuations in the quantity of articles present in the compartment or region.*

123977. Molins Machine Company Limited. Improvements in or relating to conveyors. Accepted on 10th August 1971.

*Wherein the slots in the conveyor surface member extend nearly all the way across the conveyor surface member and are staggered so as to leave parallel legs joined by edge portions forming a zig-zig shape.*

123996. W. N. Merrick. A conveyor for articles. Accepted on 11th August 1971.

*Comprising a housing, an intermediate wall extending across the said housing, thereby forming two chambers, a base plate an open top tank, means for supplying liquid to the said tank, and a driven endless belt in said tank, the discharge end of said belt being beyond said open top tank for the liquid.*

123997. W. N. Merrick. A machine or apparatus for sorting and grading mixed articles. Accepted on 11th August 1971.

*Means supporting the frame on an incline to the horizontal with one end providing the article receiving station being positioned above the opposite end, a pair of upright plates fixedly mounted laterally of and on opposite ends of said frame, a plurality of rollers and shafts connected to an end of one of said rollers.*

124044. Sumitomo Chemical Company, Ltd. Novel imidazolidinodione derivatives. Accepted on 16th August 1971.

*Containing as active ingredient a microbicidal amount of a 3-(3', 5' dihalogenophenyl) imidazolidine-2, 4- dione derivative with a carrier and a emulsifying agent.*

124067. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for producing resist effects by means of reactive dyestuffs. Accepted on 13th August 1971.

*Comprises the steps of carrying out two printings on the textile material using an acid printing paste and an alkaline printing paste or padding liquor.*

124183. The Lubrizol Corporation. Graft polymers derived from degraded ethylene propylene interpolymers and lubricating composition containing same. Accepted on 20th August 1971.

*Comprising grafting under polymerization conditions an oxygen containing polymerisable monomer on an acidised degraded interpolymers having a molecular weight of at least 1000.*

124637. Shell Internationale Research Maatschappij N. V. Process for the preparation of oil-soluble copolymers which contain free hydroxyl groups, copolymers so prepared and lubricant compositions containing the same. (1st January 1969). Accepted on 18th August 1971.

*Polymerising a single polymerizable  $C \equiv C$  and at least one aromatic ring with one or more alkyl esters of unsaturated aliphatic carboxylic acid and ether with one or more aliphatic monocarboxylic or with one or more aliphatic esters of monocarboxylic acids.*

124690. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo dye-stuffs process for their manufacture, process for printing or dyeing textile materials using said dyestuffs and textile materials so dyed or printed. [Addition to No. 116603]. Accepted on 13th August 1971.

*Comprising diazotising 2-chloro-4-nitroaniline and coupling it with N (N-2-hydroxyethyl-N-phenyl amino)-ethyl sulphonyl-N-methyl carbamic acid methyl ester.*

124758. Council of Scientific and Industrial Research. Improvement in or relating to mechanical integrator. Accepted on 12th August 1971.

*Consists of a spring loaded metal disc with fins at the rear and the front portion of the disc making contact with spheres held in a triangular case coated with some antifriction material, wherein the deflection of the belt of a belt weighing machine due to the load on it and the speed of the belt are integrated to get a single output.*

124915. Avery-Hardoll Limited, and Beck & Co., (Meters) Limited. Improvements in and relating to liquid dispensing apparatus. (20th January 1969). Accepted on 13th August 1971.

*Comprising a blend selection device for activating means to determine the relative proportion of the liquids of the selected blend and a switch device for activating and de-activating the motor for the main pump.*

124959. J. P. Apte. Dry type, letters & design transfers. Accepted on 20th August 1971.

*Device comprising tough butter paper or polythene film applied with a coat formed by 30 part by weight later 35 parts turpentine, 25 parts paraffin wax 10 parts resin by weight, coat allowed to dry the surface is printed by screen printing method, covered with protective sheet.*

125229. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunning. Process for the dyeing of textile materials of high molecular polyester fibres or blends of these with natural fibers. Accepted on 11th August 1971.

*Wherein the textile material is treated with a dyeing bath heated upto 160-230°C which consists of oxyalkylation products of aliphatic, aromatic alkylated aromatic or cycloaliphatic compounds or polyglycol ethers and in which the dyestuffs are dissolved or dispersed.*

125238. Burmah-Shell Oil Storage & Distributing Co. of India Limited. Apparatus for measuring and dispensing measured quantity of liquids. [Addition to No. 123623]. Accepted on 16th August 1971.

*The apparatus as claimed in claim 4 of the co-pending application No. 123623 characterised by the provision of a plunger in the said vessel and means to operate said plunger by pneumatic pressure.*

125340. Santosh Kumar Ghosh. Improvements in or relating to horn relays. Accepted on 13th August 1971.

*Comprising a fixed and removable type fuses connected in series in fuse clips to protect the electromagnetic coils of the relay.*

125342. Research Corporation. Method of obtaining tobacco with reduced polyphenol contents. Accepted on 18th August 1971.

*Comprises subjecting the tobacco in the yellowed state with a moisture content of at least 70% to a short term of heating at a temperature of 140 to 180°F and thereafter holding it for sometime at a temperature of 70°F to 110°F.*

125347. International Computers Limited. Improvements in or relating to data pattern processing apparatus. (25th February 1969). Accepted on 18th August 1971.

*Including data element input devices arranged in matrix formation to scan a data pattern, logic units receiving input signals from input devices, and a timing wave form source connected to logic units.*

125349. American Flange & Manufacturing Co., Inc. Improved tearout panel closure seal. Accepted on 18th August 1971.

*Comprising a circular top wall, a depending skirt, an integral tearing ear forming part of a tear-out panel in the closure seal, a weakened tearing line in the closure, the said panel extending upwards across the skirt, the closure seal upon removal of tear-out panel forming a clamping member.*

125369. Guenther Systems, Inc. Drive chain. Accepted on 13th August 1971.

*Comprising at least two chains arranged in superposed interlocking relationship, each chain comprising a succession of links having overlapping portions connected together and having bearing surfaces.*

125374. Council of Scientific and Industrial Research. Water sprayer. Accepted on 16th August 1971.

*Comprising a metal or hard plastic box, with inlet and out let fitted with a sprayer device threw plastic plates and a chamber with inlet, main passage deflectors and control duct.*

125403. Abbott Laboratories. Fungicidal composition containing 2-cyano-5-nitrothiophene and tolyl diiodomethyl sulfone and a method of treating seeds with the same. Accepted on 20th August 1971.

*Comprises applying to the seed 2-cyano-5-nitrothiophene and tolyl diiodomethyl sulfone in a ratio of 1 : 1 to 1 : 10 by weight.*

125440. Uss Engineers and Consultants, Inc. Gage for controlling length of segments cut from a longer piece. Accepted on 13th August 1971.

*A gauge for determining a specified length to be cut from a longer piece by a machine including a carriage which is initially in a stationary position when the longer piece passes on a conveyor.*

125459. L. B. Holliday & Co. Limited. Dyestuff compositions, a process for dyeing a polyester fibre therewith and a polyester fibre so dyed. (4th March 1969). Accepted on 13th August 1971.

*Comprises a 1 : 4-dianilido anthraquinone dye-stuff and another 1 : 4-dianilido anthraquinone dye-stuff structurally differing from the former in the substituents and/or another dyestuff taken from monouzo, disazo, nitrophenylamine, methine or anthraquinone dyestuffs.*

125460. L. B. Holliday & Co., Limited. A process for the dyeing of synthetic fibres other than polyesters and a fibre so dyed. (8th September 1969). [Addition to No. 125459]. Accepted on 13th August 1971.

*Comprises dyeing said fibre with a composition comprising a 1:4-dianilido-anthraquinone dyestuff and another 1:4-dianilido-anthraquinone dyestuff different from the previous one in the chemical substituents and/or a dyestuff selected from monoazo disazo, nitrodiphenylamine, methine or other anthraquinone dyestuffs.*

125480. B. Krishan. Improvements in or relating to a locking device. Accepted on 17th August 1971.

*Comprising outer hollow body, a tumbler locking and releasing means, and key having one or more depressions in conformity with locking and releasing means.*

125536. Sandoz Ltd. Alkyl ammonium salts of 1, 2, 4-Triazoles, process for their preparation and fungicidal or acaricidal compositions containing the same.

(31d March 1969). Accepted on 20th August 1971.

*Comprises reacting nitroaminotriazole with a corresponding amine*

125788. Micromedic Systems, Inc. Blood testing. Accepted on 11th August 1971.

*Comprising two adjacent compartments, the barrier between the two compartments being breachable by movement of a member which movement further causes the intermixing of contents of two compartments.*

125795. N. G. Kamat. Handle bar holding assembly. Accepted on 12th August 1971.

*Comprising a hollow tube, a split clamp having a pair of jaws defining an eye for a handle bar and means for closing the said jaws.*

125809. Brown, Boveri & Company Limited. On-load tap changing apparatus. Accepted on 16th August 1971.

*Comprising mechanical drive for selecting tapping points two fluid pressure generators an auxiliary fluid pressure generator, a pilot change over valve, switching resistor conductor, vacuum switch with actuator, a bias, two electrical contact second switch and fixed contacts.*

125863. Colgate-Palmolive Company. Dental cream. Accepted on 18th August 1971.

*Comprising 20 to 75% by weight of a water insoluble polishing material such as alumina, calcium carbonate etc., 0.5-5% by weight of benzyl alcohol and 0.15-2% by weight of zinc oxide.*

125899. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Phenyl derivatives. Accepted on 18th August 1971.

*Comprises reacting a 2-halo-6-methyl heptane with an alkali metal salt of  $\beta$ -hydroxybenzaldehyde and if desired hydrogenating, epoxidizing or hydrochlorinating the product obtained.*

126004. United States Atomic Energy Commission. Photometric solution analyser. Accepted on 12th August 1971.

*Comprises a multiplicity of first chambers adapted to receive and separately retain liquid samples, a multiplicity of second chambers disposed radially outward from first chambers and a multiplicity of third chambers being in liquid communication with second chambers.*

126011. Ciba Limited. Phosphonic acid esters, their preparation and use as fungicides. Accepted on 18th August 1971.

*Reacting 1 mole of an alkane—(thio)-phosphonic acid dihalide with 2 moles of a benzylmercaptan in the presence of an acid acceptor.*

126044. Institut Gornogo Dela Sibirskogo otdelenia. Device for making holes in the ground by packing the latter. Accepted on 16th August 1971.

*Comprises a cylindrical housing having a pointed portion a striker accommodated in said housing means for imparting reciprocation to the striker and a tapered reamer having an angle of taper less than the angle of friction of its material against the ground.*

126064. Council of Scientific and Industrial Research. Improvements in or relating to wire helix winding for electronic devices such as travelling wave tubes (TWT). Accepted on 19th August 1971.

*Comprising a rotating mandrel at one end of which the wire is fixed through a hole, upper and lower split body said hole being either treated as serrated by means of either tap or serrated strips respectively.*

126080. Mafatlal Apparel Manufacturing Co. A new multi-purpose hanger for shirts and like garments. Accepted on 18th August 1971.

*Comprising a main body incorporating a hook handle at its top, and two side arms or flags hinged to the side edges of the main body.*

126081. Danfoss A/S. Drive arrangement for a washing machine. Accepted on 19th August 1971.

*Comprising a motor, planetary gear, speed change means, and planetary gear has at least two sets of planetary wheels forming friction gear.*

126163. Phillips Petroleum Company. Method and apparatus for producing carbon black. Accepted on 20th August 1971.

*Characterized by introducing hydrocarbon into reactor in a multiplicity of streams, said streams being introduced peripherally to at least one centrally introduced stream, said centrally introduced stream being introduced at a velocity of about two to about six times the velocity of the peripherally introduced streams.*

126336. Standard Car Truck Company. Centre plate extension pad for railroad car trucks. Accepted on 13th August 1971.

*The assembly includes a body bolster spacer permanently mounted on the underside of the body bolster, a pad retainer permanently mounted on the upperside of the body bolster, and an elastomeric sandwich pad loosely socketed in the pocket, in frictional contact with the underside of the spacer.*

126357. Robert Bosch GMBH. A setting device for fuel injection pump. Accepted on 13th August 1971.

*Comprising at least one reciprocable plunger, a relief channel which is controlled by a drain valve being arranged downstream of the back-pressure valve the movable valve member of the drain valve being operable by an electromagnet.*

126368. The Babcock & Wilcox Company. Improvements in and relating to heat exchange tube panels. Accepted on 13th August 1971.

*Comprising laterally placed parallel tubes, a web between two successive tubes, the web including a body portion extending between and welded along its opposite edges to the tubes between which the web lies.*

126503. Gloucester Railway Carriage & Wagon Company Limited. Improvements in or relating to railway bogies. Accepted on 16th August 1971.

*Comprising two spaced side frames (1), a laterally extending bolster supported between the side frames, damping means supported by one of said columns of the corresponding side frame and a damping control member mounted on the corresponding side frame.*

126518. J. R. Siddons. Internal combustion engine. (6th May 1969). Accepted on 16th August 1971.

*Having an engine rotor, means for introducing combustible fuel to the rotor and means for exhausting burnt gases from the rotor.*

126556. Farbenfabriken Bayer Aktiengesellschaft. Catalyst for sulfuric acid contact process. Accepted on 18th August 1971.

*Comprising the steps of (i) suspending in an aqueous stable silica sol with a specific BET surface of from 150 to 400 m<sup>2</sup>/g, 20 to 60% by weight of a silica containing filler containing from 5 to 10% by weight to CaO with a specific surface of from 40 to 80 m<sup>2</sup>/g according to BET and from 15 to 25% by weight calculated on the final anhydrous granulate, of a clay mineral; (ii) mixing the resulting suspension with an aqueous suspension of hydrated magnesium oxide (iii) dispensing the resulting gellable mixture in a liquid immiscible with water; (iv) drying the beads, hardening them, treating them with an acid and; (v) drying the impregnated beads and heating them.*

126585. Technicolor, Inc. Production of colour motion picture records. Accepted on 16th August 1971.

*Comprising camera means, first conversion means producing digital signals first digital recorder means, editing means, master recording means, means for reconvertng to analogue signals, second conversion means, and recording means for generating a motion picture film.*

126656. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Pyrrolidone process for the production thereof and herbicide containing the same. Accepted on 16th August 1971.

*Characterized in that n-butyrolactone is reacted with 3, 3, 5-trimethylcyclohexylamine-1 to produce N-(3, 3, 5-trimethyl cyclohexyl-1-pyrrolidone-2, which is converted into sodium salt and latter reacting with butadiene to obtain N-(3, 3, 5-trimethyl cyclohexyl-1)-3-crotyl pyrrolidone-2.*

126785. The Dunlop Company Limited. Solid golf ball. Accepted on 16th August 1971.

*Composition containing a rubber having a glass transition temperature of not more than 50°C, a polyfunctional monomer a polymerisation initiator, a silane coupling agent and a filler which can undergo hydrolysis reaction with the silane coupling agent.*

126797. R. G. DePenning. Denture adhesive compositions. Accepted on 13th August 1971.

*Comprising polyvinyl acetate, ethanol and water and as essential minor components a hydrocolloid and a plasticiser.*

126817. Televes, S. A. Television antenna. Accepted on 18th August 1971.

*Comprising at least two parallel tubes in horizontal planes and separated by small distance with an incurved central part and two short marginal sections and at least two pairs of conducting wires in an horizontal plane intermediate between the horizontal planes in which are situated the parallel tubes.*

126825. Gkn Windsor Limited. Improvements in and relating to twin screw extrusion and injection moulding machines. (11th June 1969). Accepted on 16th August 1971.

*Comprises intermeshing twin screws mounted for rotation in a barrel wherein flow control means are provided, said means comprises intermeshing twin flanged members each having a plurality of radial flanges and each of said flanges having a plurality of circumferentially spaced gaps.*

126952. Texaco Development Corporation. Fluid catalytic cracking and apparatus for the same. Accepted on 16th August 1971.

*Characterized in introducing a first hydrocarbon stream into the lower conic portion of reaction separation zone, maintain a dense phase fluidized bed*

*within the said zone and below said discharge of said first hydrocarbon stream discharge, introducing a second hydrocarbon stream into the lower portion of said zone and below the point of introduction of first hydrocarbon stream, introducing stripping medium into lower portion said zone below the point of introduction of said streams into said zone effecting prestripping of catalyst with drawing stripping medium and displacing hydrocarbon as gaseous effluent from said stripping zone, and passing said effluent from said stripping zone into said reaction separation zone at a point above that at which first hydrocarbon stream is introduced into said reaction zone.*

127030. Girling Limited Improvements in or relating to drum brakes. (16th June 1969). Accepted on 16th August 1971.

*Includes a back plate extending substantially perpendicular to the axis of the brake drum, a pair of opposed brake shoes disposed adjacent one face of the back plate, and a brake return spring acting on the two shoes to urge them towards each other.*

127031. G.irling Limited. Improvements relating to two pedal hydraulic braking systems. (27th June 1969). Accepted on 16th August 1971.

*Incorporates separate master cylinders each actuated by its own pedal and supplying fluid through separate pressure lines to the slave cylinders of brakes on wheels on opposite sides of the vehicle and manually operable latching means for coupling the pedals together for simultaneous operation.*

127064. Mitsubishi Rayon Co. Ltd. Method for producing highly crimped regenerated cellulose fibres by steam stretching. Accepted on 16th August 1971.

*Comprises stretching filaments containing reaction product of cellulose xanthate and formaldehyde at more than 50% relative humidity and 40° to 130°C, relaxing said filaments while in a state of regeneration degree of less than 89% in a liquid having swelling action and regenerating the filaments completely.*

127098. Electrolytic Zinc Company of Australasia Limited. Improvements in or relating to the charging device of melting furnaces. (19th June 1969). Accepted on 19th August 1971.

*Comprises of chute having one of the wall members movable to vary the cross-section of the chute, said movement being governed by control means to enable the rate of passage of the feed material to be controlled.*

127130. Girling Limited. Improvements in or relating to frictional couplings. (25th June 1969). Accepted on 17th August 1971.

*Comprising a backing plate, opposed arcuate frictional shoes spaced from the backing plate, a rotary cam mounted on the backing plate, and torque absorbing means between the other adjacent ends of the shoes.*

127154. Sybion Corporation. Differential pressure responsive device with diaphragm equalization. Accepted on 18th August 1971.

*Comprising a first fluid pressure-deflectible wall having a first effective area, a second fluid pressure deflectible wall having a second effective area, and both walls having mechanism interconnecting said walls for producing motion in proportion to the difference between said pressures.*

127157. Sybion Corporation. Pressure transmitter. Accepted on 18th August 1971.

*Comprising a body member having a bore therein, a sealing diaphragm fixed to said body, a force beam unstanding from said diaphragm, and a support member connecting said force beam to said body member.*

127192. Smith & Nephew Polyfabrik Limited. Method and apparatus for producing and extended area of cold-drawable thermoplastic polymer. Accepted on 16th August 1971.
- Characterised in that the nip means is such as to produce shear in the film as between the two film surfaces and includes grooving means for at least one such surface.*
127249. Envirotech Corporation. Enclosed belt conveyor. Accepted on 19th August 1971.
- The belt has a plurality of spaced apart, low friction bearing elements extending from the upper surface of the belt.*
127265. Konnyuipari Gepgyarto Vallalat. Chain stitch forming device preferably for sack and bag sewing-up machines. Accepted on 16th August 1971.
- Comprising a main shaft, a coupling body, a cylindrical connecting stub, an eccentric, a feed chassis, a feed holder, a slide block and a feed.*
127293. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions. Accepted on 13th August 1971.
- Composition comprises granular polyethylene terephthalate and 0.2% by weight ground sodium fluoride (particle size 1 micron).*
127320. Bengal Coal Company Limited. Flights for scraper or chain conveyors and the conveyors including the same. Accepted on 17th August 1971.
- Comprising a body and at least one jaw which comprises a pair of narrow lip openings.*
127330. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of alkali xanthates. Accepted on 18th August 1971.
- Comprises an initial mixture of carbon disulphide, an aliphatic alcohol of 1 to 20 carbon atoms and an inert organic solvent is reacted at a temperature of 15 to 45°C with sodium or potassium hydroxide powder in such a rate as said hydroxide is consumed, while maintaining a molar ratio of carbon disulphide, alcohol and hydroxide in the range of 1 : 1 : 1 and 1 : 1.2 : 1.2.*
127380. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Stabilized moulding compositions from polyolefins. Accepted on 16th August 1971.
- Composition comprises polypropylene and stabilizer mixture containing bis-[3, 3-bis-(4-hydroxy-3-tert-butylphenyl)-butanoic acid], glycol ester—dioctadecyl desulfide—dioctadecyl sulfide, along with calcium stearate as a corrosion protecting agent.*
127506. The Dunlop Company Limited. Vehicle suspension systems. (15th July 1969). Accepted on 18th August 1971.
- Comprising pairs of spring units arranged respectively for location of the ends of the two outer axle assemblies wherein the spring units are inclined with respect to the longitudinal axis of the vehicle.*
127514. Marshall Sons & Company Limited. Improved tractor hitch. Accepted on 18th August 1971.
- Comprising two lower laterally spaced tension links connected to the tractor and a third upper compression link which is also connected to the tractor and is disposed substantially centrally relative to the lower links all three links being pivotally relative to the tractor.*
127548. Daikure Co., Ltd. Apparatus for manufacturing lattice type step board. Accepted on 16th August 1971.
- A forward electrode unit and a rear electrode unit for electrically pressure welding the lateral strips and the vertical strips are provided at the upper part of the vertical and lateral strips in opposition to each other thereby to apply a current at the lower part thereof a back bar for imparting predistortion which acts as a supporting base for vertical strips.*
127549. Daikure Co., Ltd. Apparatus for manufacturing lattice type step board. Accepted on 16th August 1971.
- Comprising a forward electrode unit of several flat shaped electrodes horizontally aligned and a rear electrode unit of several flat shape electrodes horizontally aligned are provided, the flat shaped electrodes are longitudinally facing to each other and allowed to ascend and descend simultaneously through resilient force of springs.*
127819. Leningradsky Metallichesky Zavod Imeni XXII S'ezda Kpsa. Oil filter. Accepted on 16th August 1971.
- Comprises grid like filtering members each one of said filtering members being associated with at least one wiper member, each one of said filtering members and the respective wiper member associated therewith being mounted for displacement relative to each other.*
128002. N. V. Philips Gloeilampenfabrieken. Capacitive store. Accepted on 13th August 1971.
- Characterized in that the emitter of the first auxiliary transistor is connected to the first auxiliary capacitor through a diode, the collector of the second auxiliary transistor being connected to the emitter of the first auxiliary transistor and the junction of the first auxiliary capacitor and the emitter of the first auxiliary transistor being connected to an emitter of the transistor.*
128057. Western Paper & Yarn Private Limited. An improved method of manufacture of filters for cigarettes, cigars and the like. Accepted on 12th August 1971.
- Comprises preparing slivers from carded textile fibres, drafting a plurality of slivers simultaneously, by passing such slivers through a plurality of pairs of drafting rollers to produce a thin and continuous or substantially continuous web, spraying either or both of the top and bottom surface of the web with thermoplastic or thermosetting synthetic resin in liquid form, forming the web into single sliver, preparing rods from the slives in known way subjecting the rods to required to temperature to cure it.*
128139. Development Consultants Private Limited. Improvements in or relating to extraction valves. Accepted on 18th August 1971.
- Comprises an adapter piece provided below a hopper containing material; an extraction valve proper; and an operating means consisting of (i) a spring located outside the said extraction valve proper and a (ii) lever.*
128227. Canon Limited—Canon Limitee. A railway track correcting device. Accepted on 18th August 1971.
- Comprising base frame means mounted on a front end and a rear pair of wheels for track travel; correcting means pivotally mounted on the base frame means; track tampering elements in said front end; and track lifting jacks located between the clamps and the point of pivot.*
128259. Great Lakes Chemical Corporation. Hexa-alkyl-alkylenediamine diquaternary dihalide halogen complexes and their use as herbicidal agents. Accepted on 16th August 1971.
- Mixing about 2 molar equivalents of selected halogen or mixture of halogens with selected starting diquaternary dihalide.*
128260. P. Zimmer. Improvements in or relating to a device for working flat shaped material. (3rd July 1970). Accepted on 17th August 1971.

*The stable support is provided with a hollow space covered by the support surface in which a gaseous or liquid pressure transfer medium flowing into the said hollow space forms a pressure equalizing cushion.*

128401. Development Consultants Private Limited. Improvements in or relating to air intake valves. Accepted on 18th August 1971.

*Comprises a valve body having an air inlet and an outlet connected to a pipe line of the plant used for conveying material and in said pipe line vacuum is created as desired, a mechanism for opening air passage in said body so long there is vacuum.*

128402. Ruti Machinery Works Ltd. Moving reed arrangement for use on a wave type loom. Accepted on 16th August 1971.

*Providing an unoccupied space between the guide elements in which the movements of the reeds occur.*

128403. T. M. M. (Research) Limited. Improvements in textile spinning machines. (19th September 1969). Accepted on 17th August 1971.

*Comprising a plurality of spinning stations and a winding unit with each station.*

128433. Centre Technique De L'Industries Des Papiers, Cartons Et Celluloses. Method and apparatus of distributing product or a moving band for producing a sheet or an element with obliquely orientated fibres and product obtained. Accepted on 16th August 1971.

*Comprising bringing the band into contact with the product contained in the container, imparting a velocity to the product, the product being kept at a predetermined level in the container.*

128434. Siemens Aktiengesellschaft. Improvements in or relating to the separation of bodies from plate-shaped crystals. (19th September 1970). Accepted on 13th August 1971.

*Comprises the steps of placing crystal with a main face upwards, the said face being provided with a slot.*

128709. T. M. M. (Research) Limited. Improvements in textile spinning machines. (13th October 1969). Accepted on 17th August 1971.

*Comprising a first housing containing fibre opening means, a second housing containing spinning means and a closure member.*

128780. Imperial Chemical Industries Limited. Production of nitrates and/or nitrosyl halides. (17th October 1969). Accepted on 17th August 1971.

*Passing gaseous nitrogen dioxide over alkalimetal alkaline earth metal or ammonium halide which has been moistened with aqueous solution of at least additive selected from (a) mineral acid (b) a crystal habit modifier (c) surface active agent and (d) inorganic base.*

128889. Kobe Steel Ltd. A method of producing the gaseous and liquefied nitrogen and an apparatus used therefor. Accepted on 18th August 1971.

*Liquefying nitrogen yielded from top portion of single column rectifier through heat exchanging with impure liquified phase, heat exchanging being performed by means of condenser evaporator.*

129004. J. F. Tambuwalla. An improved candle. Accepted on 19th August 1971.

*Comprising a container open from both sides, a partition of an inert material in the middle of the container wax filled on both sides of the container and wick or wicks in the wax.*

130328. Jg Glass Industries Private Limited. Liner or inner container of a vacuum flask. [Divisional date 18th November 1969]. Accepted on 17th August 1971.

*Within a glass flask an independent container having a flanged piece at its upper end which sits over the rim of the glass flask and extends on to the rim of the outer casing.*

130332. Jg Glass Industries Private Limited. Stoppers for use with vacuum flasks. [Divisional date 18th November 1969]. Accepted on 17th August 1971.

*A first externally threaded skirt depending from a cap, which is of smaller diameter than the cap, an inwardly projecting annular flange and a second skirt forming the wall of a bulb which seats the mouth of the container.*

131475. Gkn Windsor Limited. Improvements in and relating to twin screw extrusion and injection moulding machines. [Addition to No. 126825]. [Divisional date 26th May 1970]. Accepted on 16th August 1971.

*Wherein each flanged member is composed of a plurality of interengaging coaxial flanged elements or sections.*

### Opposition Proceedings

#### (1)

The opposition entered by National Research Development Corporation of India to the grant of a Patent on application No. 108014 made by Knapsack Aktiengesellschaft has been dismissed. A patent will not however be sealed on the application until a second opposition entered by Council of Scientific and Industrial Research is decided.

#### (2)

An opposition has been entered by Tractel-Trifor India Private Limited to the grant of a patent on application No. 124414 made by Pulling & Lifting Machines Private Limited.

### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

78513.	78540.	78631.	78664.	79063.	79103.	79137.	79268.
79304.	79385.	79766.	79787.	79789.	79790.	79805.	79824.
79910.	79960.	79974.	80026.	80076.	80088.	80171.	80182.
80248.	80279.	80280.	80290.	80345.	80386.	80409.	80412.
80418.	80594.	80618.	80627.	80666.	80680.	80723.	80726.
80734.	80828.	80882.	80900.	80928.	80940.	80972.	81026.
81032.	81043.	81117.	81282.	81344.	81456.	81548.	81715.
81795.	81839.	81854.	81860.	82034.	82055.	82120.	82257.
82322.	82361.	82643.	82659.	82706.	82759.	82859.	82876.
82886.	82973.	83026.	83029.	83168.	83174.	83205.	83226.
83252.	83584.	83671.	83774.	87906.			

#### (2)

74750.	78958.	79028.	79612.	79850.	79909.	80012.	80358.
80398.	80399.	80401.	80405.	80423.	80443.	80578.	80742.
80770.	80827.	80833.	81123.	81125.	81293.	81322.	81551.
81590.	81628.	81646.	81678.	81775.	81791.	81823.	81834.
81858.	81906.	81989.	81994.	82046.	82140.	82219.	82235.
82356.	82621.	82647.	82745.	82838.	82856.	82885.	82964.
83021.	83238.	83366.	83709.	83720.	84134.	88263.	77491.
74528.	73580.	78297.	72327.	77844.	77602.	76836.	78398.
77345.	74999.	76795.	76106.	77280.	79064.	79084.	79105.

#### (3)

79189.	79200.	79227.	79855.	79890.	80220.	80247.	80488.
80515.	80517.	80538.	80563.	80564.	80676.	80682.	80703.
80758.	80780.	80787.	80863.	80929.	80930.	81045.	81062.
81086.	81179.	81265.	81309.	81314.	81341.	81371.	81376.
81395.	81408.	81434.	81436.	81439.	81538.	81569.	81609.
81617.	81735.	81744.	81777.	81804.	81881.	81958.	81968.
82045.	82085.	82096.	82175.	82265.	82310.	82352.	82394.
82568.	82870.	82971.	83153.	83607.	83845.	83862.	83888.
83907.	84259.	88030.	88416.	88871.			



## (4)

79242, 80005, 80142, 80146, 80495, 80502, 80654, 81033, 81097, 81328, 81441, 81444, 81447, 81468, 81484, 81506, 81516, 81540, 81586, 81596, 81669, 81729, 81754, 81755, 81815, 81820, 81828, 81831, 81919, 81920, 81969, 82052, 82135, 82151, 82173, 82278, 82339, 82342, 82416, 82493, 82589, 82680, 82947, 83052, 83102, 83232, 83399, 83660, 83692, 83724, 83799, 83800, 83903, 84010, 84084, 84177, 84433, 85108.

## (5)

81600, 81668, 81908, 82149, 82376, 82388, 82391, 82398, 82407, 82433, 82444, 82454, 82470, 82475, 82476, 82497, 82505, 82511, 82516, 82518, 82656, 82709, 82733, 82741, 82811, 82917, 82976, 83046, 83067, 83076, 83317, 83365, 83392, 83424, 83522, 83618, 83745, 83759, 83999, 84033, 84081, 84097, 84098, 84133, 84138, 84144, 84156, 84220, 84306, 84312, 84466, 84665, 84839, 84840, 84877, 85010, 85142, 85201, 85234, 85597, 85611, 85734, 85737, 86120, 87046, 89303, 89584, 89585, 90029, 90478.

**Registration of Assignments, Licences, (Patents)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

56214—M/s. Jaguar Cars Limited.

64129—Dr. Sujit Kumar Bhattacharyya.

71677

71860—M/s. MaK Maschinenbau G.m.b.H.  
73460

71899—M/s. Tor-Isleg Steel Corporation.

74526—M/s. The Morley Electrical Engineering Company Limited.

80591—M/s. Lister & Company Limited.

59293

91571—M/s. Hoesch Aktiengesellschaft Hauptverwaltung.  
91580

94912

94910—M/s. Veb Chemiefaserkombinat Schwarza "Wilhelm Pieck".

94911

96356—M/s. Southern Machinery Company.

99371—M/s. Shri Krishna Industries.

103475—M/s. Nippon Electric Company, Limited.

109442—M/s. Great Lakes Carbon Corporation.

100333

114280—M/s. Albright, Motarji And Pandit Limited.

100831—Council of Scientific and Industrial Research.

104147—Elmer John Brant, Esq.

107368—M/s. Veb Chemiefaserkombinat Schwarza "Wilhelm Pieck".

107505—Geoffrey Henry Hewlett Dwyer, Esq.

109075—M/s. Pric-Patent Research (International) Votpot-syon, Inc.,

110701—Ministry of Railway (Railway Board).

110438—Messrs. Cities Service Company.

118808—M/s. Caterpillar Tractor Co.,

118879—M/s. Ludvig Svensson (Holland) N. V.

111192—M/s. N. V. Hollandse Signaalapparaten.

**Patents Sealed**

99336, 113388, 117634, 118695, 118868, 118938, 120405, 120705, 120840, 121140, 121148, 121182, 121248, 121277, 121365, 121437, 121523, 121614, 121749, 121769, 121770, 121838, 122169, 122316, 122347, 122889, 122937, 122958, 122980, 123350, 123380, 123427, 123535, 123539, 123546, 123710, 12491, 125752, 125910, 126531, 127220, 128804, 129337, 129338, 129916.

## (2)

114624, 114907, 115019, 115135, 116432, 116444, 116651, 116862, 117120, 117358, 117523, 118050, 118907, 119636, 119686, 120583.

**Amendment Proceedings**

## (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Norton Villiers Limited, formerly known as The Villiers Engineering Co. Limited, a British Company, of Marston Road, Wolverhampton, in the County of Stafford, England, seek leave to amend the description in the specification of Patent No. 104293 (Title :—Improvements in or relating to multi-cylinder two-stroke engines). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

## (2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Amchem Products Inc., a corporation organised under the laws of the State of Delaware, United States of America, of Brookside Avenue, Ambler, Pennsylvania, U.S.A., manufacturers, seek leave to amend the description and claims in the specification of Patent No. 114697. (Title :—Plant growth regulating composition containing phosphonic acid derivatives). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed, (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

## (3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Amchem Products, Inc., a corporation organised under the laws of the State of Delaware, United States of America, seek leave to amend the description and claims in the specification in respect of patent No. 124086. (Title :—Process for the stabilizing phosphonic acid derivatives and plant growth regulating compositions containing same). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

## (4)

The amendments proposed by Joseph Lucas (Industries) Limited in respect of Patent No. 114349 as advertised in Part III, Section 2 of the Gazette of India dated the 10th April 1971 have been allowed.

## (5)

The amendments proposed by Whittaker Corporation in respect of patent application No. 120664 as advertised in Part III, Section 2 of the Gazette of India dated the 13th March 1971 have been allowed.

## (6)

The amendments proposed by Fukuoka Kagaku Kogyo Co. Ltd., in respect of application for patent No. 123261 as advertised in Part III, Section 2 of the Gazette of India dated the 24th April, 1971 have been allowed.

**Renewal Fees Paid**

58190.	58199.	58277.	58475.	58570.	59103.	61448.	61614.
61642.	61679.	61730.	61731.	61879.	62183.	62980.	64536.
65007.	65008.	65124.	65315.	65342.	65367.	65545.	65634.
65871.	65891.	65983.	66031.	66660.	68024.	68025.	68745.
68751.	68870.	68930.	69022.	69134.	69144.	69169.	69213.
69317.	69349.	69518.	69528.	69963.	69986.	70190.	72739.
73054.	73248.	73354.	73356.	73367.	73433.	73507.	73508.
73799.	73859.	77604.	78042.	78089.	78090.	78091.	78092.
78118.	78127.	78129.	78130.	78162.	78256.	78325.	78351.
78354.	78392.	78496.	78532.	78577.	78620.	78635.	78683.
78772.	79211.	79653.	79755.	82694.	83567.	83748.	83761.
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84261.	84316.	84381.	84454.	84455.	88592.	88955.	89458.
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89712.	89773.	89816.	89840.	89847.	89864.	89874.	89908.
89941.	89942.	89960.	89961.	89980.	89983.	90008.	90274.
90301.	90354.	91184.	93026.	95227.	95228.	95250.	95267.
95289.	95302.	95512.	95533.	95572.	95575.	95587.	95621.
95655.	95694.	95735.	95758.	95759.	95904.	96067.	96225.
96226.	96509.	96594.	96889.	97204.	97657.	100273.	101082.
101092.	101096.	101168.	101169.	101199.	101201.	101212.	
101216.	101217.	101320.	101409.	101410.	101443.	101466.	
101467.	101482.	101513.	101540.	101547.	101566.	101572.	
101672.	101673.	101674.	101675.	101690.	101788.	101926.	
101937.	101949.	102205.	102664.	102665.	102749.	102750.	
103059.	106527.	106663.	106707.	106713.	106744.	106745.	
106746.	106803.	106827.	106898.	106938.	106973.	106997.	
107016.	107072.	107190.	107194.	107219.	107242.	107276.	
107402.	107590.	107892.	107899.	107900.	108156.	109021.	
109774.	109824.	110033.	110461.	111530.	111815.	111966.	
111978.	111983.	111986.	111999.	112013.	112016.	112043.	
112048.	112069.	112075.	112094.	112097.	112100.	112107.	
112109.	112157.	112201.	112207.	112233.	112253.	112275.	
112276.	112284.	112287.	112301.	112312.	112329.	112373.	
112374.	112386.	112388.	112441.	112449.	112508.	112527.	
112638.	112649.	112883.	112884.	112999.	113152.	113153.	
113240.	113302.	113583.	113584.	113649.	113669.	113670.	
114062.	115037.	116052.	116395.	116525.	117288.	117367.	
117616.	117779.	118531.	120314.	121927.			

**Cessation of Patents**

59739.	65172.	65173.	65177.	65179.	65189.	65207.	65212.
70748.	70750.	70754.	70758.	70759.	70760.	70761.	70764.
70767.	70769.	75149.	75153.	75155.	75157.	75159.	

**Restoration Proceedings**

## (1)

An order has been made on the 9th August 1971 restoring the patent No. 91578 dated as of the 2nd January 1964 granted to Veb Maschinenfabrik Und Eisengiesserei Wurgin for "process for production of acetylene".

## (2)

An order has been made on the 9th August 1971 restoring the patent No. 91579 dated as of the 2nd January 1964, granted to Veb Maschinenfabrik Und Eisengiesserei Wurgin for "decanting apparatus for inflammable substances such as acetylene".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date

of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 138272. to 138277. Ashok Industries, 34-B, Old Anjirwad, Chapsi Bhimji Road, Mazgaon, Bombay 10, Maharashtra, India, Indian partnership concern, "Metal section", December 31, 1970.

Class 1. No. 138300. Rockfield Industries Corporation, an Indian Sole Proprietorship concern, 1, British Indian Street, Calcutta-1, West Bengal, India, "Hangers for dress Materials", January 6, 1971.

Class 1. Nos. 138364 and 138365. Naba Kumar Routh, an Indian National, 78, Netaji Subhas Road, Calcutta-7, West Bengal, India, "Oven for cooking purpose", January 28, 1971.

Class 1. No. 138372. Nafis Ullah Khan, an Indian of Shark Industries, Atish Bazan Street, Aligarh, U.P., "Locks", February 2, 1971.

Class 1. No. 138620. Joyce Chen, a citizen of the United States of America, 47, Alpine Street, Cambridge, Massachusetts, United States of America, "Cooking utensil", April 16, 1971.

Class 1. No. 138633. Nagar Andal Veeraraghavalu Naidu, Koppikar Road, Hubli, Mysore State, India, Indian, "Type face", April 21, 1971.

Class 1. No. 138656. Thos. Storey (Engineers) Limited, a British Company, 8, South Wharf, London, W. 2, England, "A prefabricated bridge panel", November 13 1970, (U.K.).

Class 1. Nos. 138676. Jehangir Cursetjee, Dady Cursetjee. (Mrs.) Bobby Dady Cursetjee and Gaye Cursetjee of Fibreglas Reinforced Plastics, 33, Church Street, Bangalore-1, Mysore State, India, Indian Nationals, "Car bonnets", May 14, 1971.

Class 1. No. 138712. Ariff Taher, Soho House, Lohar Street, Bombay 2, Maharashtra State, India, Indian Nationality, "Boring head", May 26, 1971.

Class 3. Nos. 138279 and 138280. Chandrakant Somabhai Patel and Rashmikant Somabhai Patel, both being Indian Citizens, 19, Sampatrao Colony, Baroda-5, Gujarat India, "A bottle", December 31, 1970.

Class 3. Nos. 138281 and 138282. Chandrakant Somabhai Patel and Rashmikant Somabhai Patel both being Indian Citizens, 19, Sampatrao Colony, Baroda-5, Gujarat, India, "A closure", December 31, 1970.

Class 3. Nos. 138328 to 138330. Babuji Shilpi, An Indian Citizen, 'Anita', Flat No. 62, Mount Pleasant Road, Bombay 6, Maharashtra, India, "A ceiling tile", January 13, 1971.

Class 3. No. 13866. Chimanlal Manilal Mehta, An Indian Citizen, 109, Bank of Baroda Building, 4th floor, Palton Road, Bombay 1 (BR), Maharashtra, India, "A container", January 29, 1971.

Class 3. No. 138368. Chimanlal Manilal Mehta, An Indian Citizen, 109, Bank of Baroda Building, 4th floor, Palton Road, Bombay 1 (BR), Maharashtra, India, "A urine bottle", January 29, 1971.

Class 3. No. 138387. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality, "A composite cushion", February 5, 1971.

Class 3. Nos. 138408 and 138409. Mabbie Todd & Company, (an Indian Partnership Firm), 34-B, Connaught Place, New Delhi-1, (India), "Ball Pen", February 15, 1971.

Class 3. No. 138413. Mabbie Todd & Company, (an Indian Partnership Firm), 34-B, Connaught Place, New Delhi-1, (India), "Fountain pen", February 15, 1971.

- Class 3. No. 138467. Gopinath Payne, 2, Amritalal Bose Street, Calcutta 5, West Bengal, an Indian citizen, "Tap", March 5, 1971.
- Class 3. No. 138470. Joseph Lucas (Industries) Limited, Great King Street, Birmingham, England, a British Company, "Switch", September 3, 1970, (U.K.).
- Class 3. No. 138565. Minni Trading Corporation, (an Indian Partnership firm), 6, Fateh Nivas, Gora-swadi, Malad, Bombay 64 (Maharashtra) "Decanter" April 5, 1971.
- Class 3. No. 138619. Prem Pal Malhotra, an Indian subject, Adjacent to Agricultural Implements & Brass Utensils Factory, Ambala Road, Jagadhri, District Ambala, Haryana State, "A toy", April 16, 1971.
- Class 3. No. 138629. B. K. Plastics Private Limited, A 207, Defence Colony, New Delhi 3, India, a Company incorporated in India, "Tray", April 20, 1971.
- Class 3. No. 138636. Regal Industrial Corporation, a registered Indian partnership firm carrying on business at Room No. 122, Bharat Industrial Estate, 1st floor, Tokersi Jivraj Road, Sewri, Bombay 15 DD, Maharashtra, "Handles", April 23, 1971.
- Class 3. No. 138640. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality, "A cushion", April 26, 1971.
- Class 3. No. 138653. Babuji Shilpi, An Indian Citizen, 'Anita' Flat No. 62, Mount Pleasant Road, Bombay 6, Maharashtra, India, "A baby commode", April 30, 1971.
- Class 3. No. 138696. Surendranath Ganpatrao Borlikar, D-39/40, Survodaynagar, Panirapol Road, Bombay 4, State of Maharashtra, India, an Indian National, "A detachable handle for domestic utensils or laboratory, hospital or industrial vessels or the like", May 17, 1971.
- Class 3. No. 138677. Jehangir Cursetjee, Dady Cursetjee, (Mrs.) Bobby Dady Cursetjee and Gaye Cursetjee, 33, Church Street, Bangalore 1, Mysore State, India, Indian Nationals, "Car bonnets", May 14, 1971.
- Class 3. No. 138700. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", May 19, 1971.
- Class 3. No. 138705. Mona Traders Private Limited, a company incorporated under the Indian Companies Act (Central Act I of 1956), Merchant Chamber, 41 New Marine Lines, Bombay 20, State of Maharashtra, India, "Sole of the footwear", May 20, 1971.
- Class 4. Nos. 138288 and 138289. Crompton Greaves Limited, a Company incorporated in India, "Kanjur Bhandup, Bombay 78, Maharashtra, "Body of electric fans", January 4, 1971.
- Class 12. No. 138390. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay 5, Maharashtra State, India, Indian Nationality. "A composite cushion", February 5, 1971.
- Class 12. No. 138649. Quality Exports, an Indian Partnership Firm 16, Old Custom House Road, Fort, Bombay 1, Maharashtra, "Agarbatties", April 30, 1971.

S. VEDARAMAN,

*Controller General of Patents, Designs and Trade Marks.*

